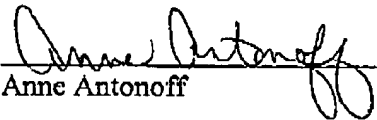


RECEIVED
CENTRAL FAX CENTER

OCT 12 2006

CERTIFICATE OF FACSIMILE TRANSMISSION
UNDER 37 CFR §1.8

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted on the date indicated below via facsimile to the United States Patent and Trademark Office, facsimile number (571)-273-8300.

Date: Oct. 12, 2006
Anne AntonoffIn Re Application Of:
Frost, *et al.*

Art Unit: 2856

Serial No.: 10/693,624

Confirmation No.: 1506

Filed: October 24, 2003

Docket No. 062004-1791

For: Apparatus and Method for Determining *In Situ* Pore Fluid and Soil Properties Using Multi-sensor Measurement SystemsAmendment Transmittal
Response to Final Office Action

TOTAL PAGES (including cover sheet) 11

OCT 12 2006

AMENDMENT TRANSMITTAL LETTER (LARGE)

Docket No.

Applicant(s): Frost, et al.

062004-1791

Serial No.
10/7693,624Filing Date
October 24, 2003Examiner
Raevis, Robert R.Confirmation No.
1506Group Art Unit
2856

Invention: Apparatus and Method for Determining In Situ Pore Fluid and Soil Properties Using Multi-Sensor Measurement Systems

Commissioner for Patents
Mail Stop AF
P.O. Box 1450
Alexandria VA 22313-1450

Transmitted herewith is an Amendment and Response to Final Office Action in the above-identified application.

The fee has been calculated and is transmitted as shown below

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	24 -	27		X \$50.00	\$0
INDEP. CLAIMS	3 -	4 =		X \$200.00	\$0
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>				\$360.00	\$0
EXTENSION FEE	1 ST MONTH <input type="checkbox"/> \$120.00	2 ND MONTH <input type="checkbox"/> \$450.00	3 RD MONTH <input type="checkbox"/> \$1,020.00	4 TH MONTH <input type="checkbox"/> \$1,590.00	\$0
Other Fees:					\$0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0

- ☒ No additional fee is required.
- ☐ Please charge Deposit Account No. _____ in the amount of _____. A duplicate copy of this page is enclosed.
- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☐ A Credit Card Payment Form PTO-2038 is attached in the amount of \$ _____
- ☒ The Director is hereby authorized to charge any deficiencies of the above fees or credit any overpayment to Deposit Account No. 20-0778.


 Scott A. Horstemeyer, Reg. No. 34,183

 10/12/06
 Date

**RECEIVED
CENTRAL FAX CENTER****OCT 12 2006**

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Group Art Unit: 2856

Frost, *et al.*

Examiner: Raevis, Robert R.

Serial No.: 10/693,624

Confirmation No.: 1506

Filed: October 24, 2003

Docket No.: 062004-1791

For: **Apparatus and Method for Determining In Situ Pore Fluid and Soil Properties
Using Multi-Sensor Measurement Systems**

RESPONSE TO FINAL OFFICE ACTION

Mail Stop AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

The final Office Action mailed July 12, 2006 (Paper No./Date 20060707), has been carefully considered. In response thereto, please enter the following amendments and consider the following remarks.

DEPOSIT ACCOUNT AUTHORIZATION

It is not believed that extensions of time are required, beyond those that may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor are hereby authorized to be charged to our Deposit Account No. 20-0778.